

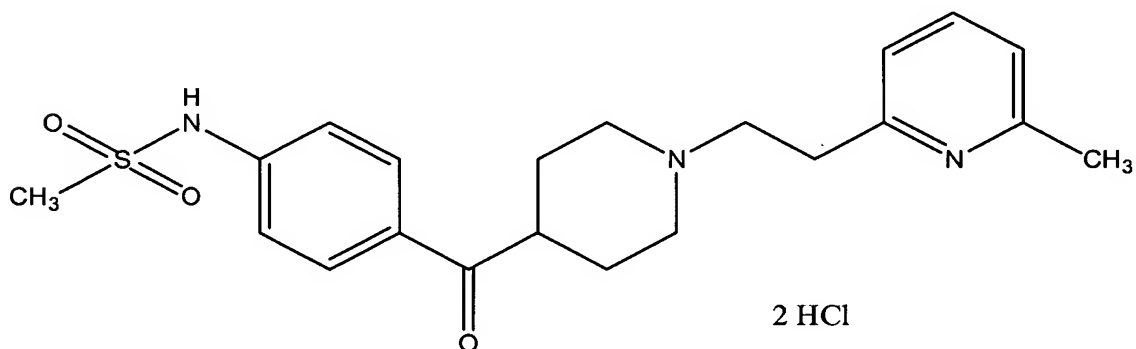
23136

PATENTANWALTSKANZLEI
DR. MEYER-DULHEUER

Exchange pages of the claims

PATENT CLAIMS:

1. A diagnostic agent for detecting a colorectal carcinoma, **characterized in that** it serves to detect the presence of at least one HERG potassium channel in a tissue biopsy of the human colon or rectum or in lymph nodes, which are free of HERG potassium channels in a healthy human, or in body fluids.
2. A method for diagnosing a colorectal carcinoma, **characterized in that** at least one HERG potassium channel is detected in a tissue biopsy of the human colon or rectum or in lymph nodes or body fluids.
3. A use of the antiarrhythmic agent 4-[1-[2-(6-methyl-2-pyridinyl)ethyl]-4-piperidinyl]carbonyl]methanesulfoanilide · 2HCl (E-4031) of formula I



for treatment of colorectal carcinoma.

4. The use of the antiarrhythmic agent 4-[1-[2-(6-methyl-2-pyridinyl)ethyl]-4-piperidinyl]carbonyl]methanesulfoanilide·2HCl (E-4031) of formula I for production of a pharmaceutical drug for treatment of colorectal carcinoma.